



Maryland Water Monitoring Council  
Maryland Dept. of Natural Resources  
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Annapolis MD 21401  
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Clark Howells, Baltimore City DPW.  
Chair

Sandy Hertz, Maryland State Highway Admin.  
Vice-chair

Dan Boward, Maryland DNR  
Executive Secretary

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Joel Moore, Towson University  
Diana Muller, MAEOE

Mat Pajerowski, USGS  
Mike Pieper, KCI Technologies  
Charles Poukish, Maryland Dept. of the Environment  
Jeff Reagan, Stormwater Consulting, Inc.  
Nancy Roth, Versar, Inc.  
Ken Staver, Univ. of MD WREC  
Matt Stover, Maryland Dept. of the Environment  
Mark Trice, Maryland DNR  
Chris Victoria, Anne Arundel DPW

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### Minutes of the MWMC Board of Director's Meeting Maryland Science Center July 12, 2016

**In attendance:** Dan Boward, \*Kevin Brittingham, \*Jim Caldwell, Charmaine Dahlenburg (guest speaker), \*Caroline Donovan, Paula Frohing (alternate for Diana Muller), \*Tim Goodfellow, Kim Grove (guest speaker), Chris Guy (guest speaker), \*Sandy Hertz, Kris Hoellen (guest speaker), \*Clark Howells, \*Ellen Lathrop-Davis, Adam Lindquist (guest speaker), Janis Markusic (alternate for Chris Victoria), \*Richard Mitchell, \*Mat Pajerowski, \*Mike Pieper (no alternate), \*Jeff Reagan, \*Nancy Roth, \*Ken Staver, \*Matt Stover, Mark Southerland (guest), Mike Thompson (guest), \*Mark Trice

**Not attending:** \*Mindy Ehrich (no alternate), \*Joel Moore (no alternate), \*Diana Muller (Paula Frohing alternate), \*Charlie Poukish (no alternate), \*Chris Swan (no alternate), \*Chris Victoria (Janis Markusic alternate)

\*Board member

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The meeting convened at 10:05 AM. Chairman **Clark** Howells welcomed everyone and asked all in attendance to introduce themselves. **Jim** O'Leary (Maryland Science Center staff) provided some introductory words on the Science Center – history, statistics, and goals.

**Mark** Southerland described the Science Center-sponsored stormwater outreach project he's been working on with **Jim** Caldwell and **Van** Reiner (Science Center CEO). **Mark** provided a brochure describing the project.

#### Guest Presentations

**Adam** Lindquist provided an overview of the Baltimore Healthy Harbors Initiative, including project goals, a report card compiled with UMCES and Blue Water Baltimore, and a list of projects. **Adam** emphasized the popularity and value of **Mr. Trash** Wheel. More trash wheels will be installed in the near future.

**Chris** Guy gave an upbeat talk on the status of Masonville Cove, its history and partnerships. The project has taken a contaminated site and, through several stages, transformed it into an education center, a wildlife management area, and an urban oasis for people and wildlife alike. He described the diverse fauna and flora now found on the site and ended optimistically with volunteer involvement.

**Kris** Hoellen and **Charmaine** Dahlenburg described the National Aquarium's many conservation initiatives, including an increased effort to engage visitors with Baltimore's emerging model urban waterfront. They described the Aquarium's water quality monitoring programs and partnerships with UMCES and MD DNR's Eyes on the Bay. The Aquarium seeks to improve water quality and habitat via biofilms and floating islands. Partnerships are sought and encouraged.

**Kim** Grove presented Baltimore City's TMDL efforts, including a TMDL primer, accounting principles, and components related to fishability, swimmability, and social aspects.

**Dan** Boward mentioned that, with the presenter's permission, all presentations will be posted on the MWMC website.

#### Business Meeting

Minutes from the April, 2016 Board meeting were approved as submitted.

#### Board Membership

**Matt** Stover reported that **Chris** Swan has resigned his position on the Board and that **Mindy** Ehrich's position has been confirmed by the Governor's office. The terms of **Ellen** Lathrop-Davis, **Tim** Goodfellow, **Ken** Staver, and **Sandy** Hertz will end Decemeber, 2016. As Chair of the Nominating Committee, **Matt** will be seeking ideas and nominations for upcoming Board vacancies.

#### Committee Reports

### **Groundwater (Mat Pajeroski reporting)**

**Mat** reported that the Road Salt Workshop in January, 2016 was quite successful. Some talks from the Workshop will be repeated at the December 2 Annual Conference.

### **Information Management (Sandy Hertz reporting)**

No report.

### **Monitoring and Assessment (Chris Victoria reporting)**

**Mike** Pieper said that a small group of Committee members met on June 30. The Stream Restoration Sub-Committee, Chaired by **Scott** Stranko and **Scott** Lowe, has 26 members. The Sub-Committee is organizing a session for the Dec. 2 annual conference and they are producing a bibliography for posting on the MWMC website. There was a stream restoration forum at MDE in June. It included practitioners, members of academia and permittees. **Mark** Southerland explained that pooled monitoring and the Sub-Committee are separate entities. **Chris** Victoria is stepping down as Co-Chair of the Committee. **Mark** Southerland will serve as acting Co-Chair.

### **Citizen Science and Community Stewardship Committee (Caroline Donovan reporting)**

The Committee met on July 11. Plans continue for a workshop (or workshops) on pathways to data usage. Venues may be near Annapolis, the Eastern Shore and Western Maryland. Topics will include QA/QC, tools, connections, and resources.

### **Student Committee (Caroline Donovan reporting)**

The Committee is planning a student-professional networking session for the Dec. 2 conference. **Caroline** is working on a flyer. **Action Item** – **Caroline** will email the Board asking for questions that the students could use as a guide.

### **2016 Annual Conference**

**Dan** Boward distributed copies of the current draft agenda for Dec. 2. Plenary speakers have been invited. **Ken** Staver said he may have a good contact for the Air-Water Interface session. **Ken** also said he thinks it would be good to get the planners and the water quality folks together, given the conference theme. **Sandy** Hertz updated the Board on the Carl Weber Award. She found an alternative vendor for a paperweight that could look much like the one given in previous years. She also reported on a potential design for the new award. **Caroline** Donovan recommended using "Above and Beyond Award" for the new award. **Action Item** – the Weber Award Committee will discuss the new name and decide how to proceed.

### **2016 Workshops**

#### **Road Salt (Mat Pajeroski reporting)**

**Mat** again reported on the January 2016 Road Salt Workshop – 125 attendees, 12 speakers covering management, monitoring and ecosystem impacts. **Action Item** – **Mat** will recruit speakers for a session at the Annual Conference (perhaps **Tim** Fox).

#### **Citizen Science and Data Use (Jeff Reagan and Matt Stover reporting)**

**Jeff** and **Matt** are discussing many good ideas.

#### **Technical Series (Mike Pieper reporting)**

The workshop planning committee met in early July. The workshop could last two days with the first day covering methods and the second covering implementation. Possible new technologies that could be presented are continuous monitoring and bacterial source tracking. Topics could include sampling design, training, calibration, QC and reporting/writing. No date scheduled.

Submitted by **Dan** Boward  
October 25, 2016